

Title (en)  
COMPOSITIONS AND METHODS COMPRISING HISTIDYL-TRNA SYNTHETASE SPLICE VARIANTS HAVING NON-CANONICAL BIOLOGICAL ACTIVITIES

Title (de)  
ZUSAMMENSETZUNGEN UND VERFAHREN MIT HISTIDYL-TRNA-SYNTETASE-SPLEISSVARIANTEN MIT NICHT-KANONISCHEN BIOLOGISCHEN AKTIVITÄTEN

Title (fr)  
COMPOSITIONS ET PROCEDES COMPRENANT DES VARIANTES D'EPISSAGE D'HISTIDYL-ARNT SYNTETASE PRESENTANT DES ACTIVITES BIOLOGIQUES NON CANONIQUES

Publication  
**EP 2408905 B1 20170510 (EN)**

Application  
**EP 10753998 A 20100316**

Priority  
• US 2010027525 W 20100316  
• US 16063009 P 20090316  
• US 23974709 P 20090903

Abstract (en)  
[origin: WO2010107825A2] Isolated histidyl-tRNA synthetase splice variant polynucleotides and polypeptides having non-canonical biological activities are provided, as well as compositions and methods related thereto.

IPC 8 full level  
**A61K 38/00** (2006.01); **C12N 9/00** (2006.01); **C12N 15/113** (2010.01); **C12Q 1/68** (2006.01); **G01N 33/573** (2006.01)

CPC (source: EP US)  
**A61P 1/04** (2017.12 - EP); **A61P 3/00** (2017.12 - EP); **A61P 9/00** (2017.12 - EP); **A61P 19/02** (2017.12 - EP); **A61P 19/06** (2017.12 - EP);  
**A61P 25/00** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 31/00** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 37/02** (2017.12 - EP);  
**A61P 37/06** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07K 16/40** (2013.01 - US); **C12N 9/93** (2013.01 - EP US);  
**C12N 15/1137** (2013.01 - EP US); **C12Q 1/6876** (2013.01 - US); **C12Q 1/6886** (2013.01 - EP US); **C12Y 601/01021** (2013.01 - EP US);  
**G01N 33/573** (2013.01 - EP US); **A61K 38/00** (2013.01 - EP US); **C07K 2317/24** (2013.01 - US); **C07K 2317/56** (2013.01 - US);  
**C07K 2317/622** (2013.01 - US); **C07K 2317/76** (2013.01 - US); **C12N 2310/11** (2013.01 - US); **C12N 2310/14** (2013.01 - US);  
**C12Q 2600/136** (2013.01 - EP US); **C12Q 2600/156** (2013.01 - EP US); **G01N 2333/9015** (2013.01 - EP US); **G01N 2500/04** (2013.01 - EP US);  
**G01N 2500/10** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**WO 2010107825 A2 20100923; WO 2010107825 A3 20110303;** AU 2010226726 A1 20111020; AU 2010226726 A8 20140814;  
AU 2010226726 B2 20140703; AU 2010226726 B8 20140814; CA 2755784 A1 20100923; CA 2755784 C 20200324; CN 102428175 A 20120425;  
CN 104830812 A 20150812; CN 104830812 B 20170905; CN 107574157 A 20180112; DK 2408905 T3 20170828; DK 3255146 T3 20190819;  
EP 2408905 A2 20120125; EP 2408905 A4 20121219; EP 2408905 B1 20170510; EP 3255146 A1 20171213; EP 3255146 B1 20190515;  
ES 2638779 T3 20171024; ES 2742251 T3 20200213; HK 1247243 B 20200228; JP 2012520681 A 20120910; JP 2015034176 A 20150219;  
JP 2017055768 A 20170323; JP 2018046857 A 20180329; JP 5730280 B2 20150603; JP 6166241 B2 20170719; US 10017582 B2 20180710;  
US 10526419 B2 20200107; US 10941214 B2 20210309; US 11078299 B2 20210803; US 2010297149 A1 20101125;  
US 2013243766 A1 20130919; US 2014371294 A1 20141218; US 2017114148 A1 20170427; US 2019031775 A1 20190131;  
US 2020216564 A1 20200709; US 2020231704 A1 20200723; US 2022098327 A1 20220331; US 8404242 B2 20130326;  
US 8753638 B2 20140617; US 9605265 B2 20170328

DOCDB simple family (application)

**US 2010027525 W 20100316;** AU 2010226726 A 20100316; CA 2755784 A 20100316; CN 201080020335 A 20100316;  
CN 201510024397 A 20100316; CN 201710679673 A 20100316; DK 10753998 T 20100316; DK 17169885 T 20100316;  
EP 10753998 A 20100316; EP 17169885 A 20100316; ES 10753998 T 20100316; ES 17169885 T 20100316; HK 18106749 A 20180524;  
JP 2012500899 A 20100316; JP 2014230392 A 20141113; JP 2016252378 A 20161227; JP 2017249079 A 20171226;  
US 201313766659 A 20130213; US 201414262272 A 20140425; US 201615257353 A 20160906; US 201816005045 A 20180611;  
US 201916688374 A 20191119; US 202016842195 A 20200407; US 202117355587 A 20210623; US 72527210 A 20100316